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1. Document ID: US 20080048659 A1

L27: Entry 1 of 17

File: PGPB

Feb 28, 2008

PGPUB-DOCUMENT-NUMBER: 20080048659

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080048659 A1

TITLE: Generalized Method for MRI Chemical Species Separation Using
Arbitrary k-space Trajectories

PUBLICATION-DATE: February 28, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reeder; Scott Brian	Middleton	WI	US

US-CL-CURRENT: 324/312; 324/310, 324/314

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

2. Document ID: US 20080048657 A1

L27: Entry 2 of 17

File: PGPB

Feb 28, 2008

PGPUB-DOCUMENT-NUMBER: 20080048657

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080048657 A1

TITLE: Method for aligning multiple MR images acquired with alternating

readout gradient

PUBLICATION-DATE: February 28, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reeder; Scott B.	Middleton	WI	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw. Desc	Image				

3. Document ID: US 20070241754 A1

L27: Entry 3 of 17

File: PGPB

Oct 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070241754

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070241754 A1

TITLE: Magnetic Resonance Imaging System and Magnetic Resonance Imaging Method

PUBLICATION-DATE: October 18, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hirata; Satoshi	Kodaira		JP
Ochi; Hisaaki	Kodaira		JP

US-CL-CURRENT: 324/312

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw. Desc	Image				

4. Document ID: US 20070196280 A1

L27: Entry 4 of 17

File: PGPB

Aug 23, 2007

PGPUB-DOCUMENT-NUMBER: 20070196280

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070196280 A1

TITLE: In vivo magnetic resonance spectroscopy of aspartate transaminase activity

PUBLICATION-DATE: August 23, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shen; Jun	North Potomac	MD	US

US-CL-CURRENT: 424/9.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Drawn Desc	Image				

 5. Document ID: US 20060255802 A1

L27: Entry 5 of 17

File: PGPB

Nov 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060255802

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060255802 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: November 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hirata; Satoshi	Kokubunji		JP

Ochi; Hisaaki	Kodaira	JP
Taniguchi; Yo	Kokubunji	JP
Takahashi; Tetsuhiko	Soka	JP
Takeuchi; Hiroyuki	Kashiwa	JP

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Drawn Desc	Image				

6. Document ID: US 20060181275 A1

L27: Entry 6 of 17

File: PGPB

Aug 17, 2006

PGPUB-DOCUMENT-NUMBER: 20060181275

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060181275 A1

TITLE: Brorc-S2PD

PUBLICATION-DATE: August 17, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Moriguchi; Hisamoto	Cleveland	OH	US
Lewin; Jonathan S.	Baltimore	MD	US
Duerk; Jeffrey L.	Avon Lake	OH	US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Drawn Desc	Image				

7. Document ID: US 20050033153 A1

L27: Entry 7 of 17

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033153
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050033153 A1

TITLE: Dixon Techniques in spiral trajectories with off-resonance correction

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Moriguchi, Hisamoto	Cleveland	OH	US
Lewin, Jonathan S.	Baltimore	MD	US
Duerk, Jeffrey L.	Avon Lake	OH	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

8. Document ID: US 20010022517 A1

L27: Entry 8 of 17

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022517
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010022517 A1

TITLE: Method for operating a magnetic resonance device for producing a magnetic resonance spectrum

PUBLICATION-DATE: September 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Heid, Oliver	Gunzenhausen		DE

US-CL-CURRENT: 324/312; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

 9. Document ID: US 7233143 B2

L27: Entry 9 of 17

File: USPT

Jun 19, 2007

US-PAT-NO: 7233143

DOCUMENT-IDENTIFIER: US 7233143 B2

TITLE: BRORC-S2PD

DATE-ISSUED: June 19, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060181275 A1 August 17, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moriguchi; Hisamoto	Cleveland	OH		US
Lewin; Jonathan S.	Baltimore	MD		US
Duerk; Jeffrey L.	Avon Lake	OH		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

 10. Document ID: US 7042215 B2

L27: Entry 10 of 17

File: USPT

May 9, 2006

US-PAT-NO: 7042215

DOCUMENT-IDENTIFIER: US 7042215 B2

TITLE: Three point dixon techniques in MRI spiral trajectories with off-resonance correction where each TE is a multiple of 2.2 milliseconds

DATE-ISSUED: May 9, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20050033153 A1 February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moriguchi; Hisamoto	Cleveland	OH		US
Lewin; Jonathan S.	Baltimore	MD		US
Duerk; Jeffrey L.	Avon Lake	OH		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image

11. Document ID: US 6995560 B2

L27: Entry 11 of 17

File: USPT

Feb 7, 2006

US-PAT-NO: 6995560

DOCUMENT-IDENTIFIER: US 6995560 B2

TITLE: Chemical species suppression for MRI imaging using spiral trajectories with off-resonance correction

DATE-ISSUED: February 7, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050017717 A1

January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duerk; Jeffrey L.	Avon Lake	OH	44012	US
Lewin; Jonathan S.	Baltimore	MD	21210	US
Moriguchi; Hisamoto	Cleveland	OH	44106	US

US-CL-CURRENT: 324/310; 324/306, 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Description	Abstract	Claims	KMC	Draw. Desc	Image

 12. Document ID: US 6686739 B2

L27: Entry 12 of 17

File: USPT

Feb 3, 2004

US-PAT-NO: 6686739

DOCUMENT-IDENTIFIER: US 6686739 B2

TITLE: Method for operating a magnetic resonance device for producing a magnetic resonance spectrum

DATE-ISSUED: February 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heid; Oliver	Gunzenhausen			DE

US-CL-CURRENT: 324/312; 324/307, 324/310

Full	Title	Citation	Front	Review	Classification	Date
Reference	Description	Abstract	Claims	KMC	Draw. Desc	Image

13. Document ID: US 6489770 B1

L27: Entry 13 of 17

File: USPT

Dec 3, 2002

US-PAT-NO: 6489770

DOCUMENT-IDENTIFIER: US 6489770 B1

TITLE: Nuclear magnetic resonance imaging apparatus

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hirata; Satoshi Kokubunji JP

US-CL-CURRENT: 324/320; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Deso	Image

 14. Document ID: US 6477398 B1

L27: Entry 14 of 17

File: USPT

Nov 5, 2002

US-PAT-NO: 6477398

DOCUMENT-IDENTIFIER: US 6477398 B1

TITLE: Resonant magnetic susceptibility imaging (ReMSI)

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Mills; Randell L. Yardley PA 19067

US-CL-CURRENT: 600/409; 324/201, 600/410

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 15. Document ID: US 4987371 A

L27: Entry 15 of 17

File: USPT

Jan 22, 1991

US-PAT-NO: 4987371

DOCUMENT-IDENTIFIER: US 4987371 A

**** See image for Certificate of Correction ****

TITLE: Method for in-vivo shimming

DATE-ISSUED: January 22, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glover; Gary H.	Waukesha	WI		
Schneider; Erika	Waukesha	WI		

US-CL-CURRENT: 324/320; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 16. Document ID: US 4918387 A

L27: Entry 16 of 17

File: USPT

Apr 17, 1990

US-PAT-NO: 4918387

DOCUMENT-IDENTIFIER: US 4918387 A

TITLE: MR spectroscopy method

DATE-ISSUED: April 17, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McKinnon; Graeme C.	Zurich			CH
Bosiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 17. Document ID: US 4707660 A

L27: Entry 17 of 17

File: USPT

Nov 17, 1987

US-PAT-NO: 4707660

DOCUMENT-IDENTIFIER: US 4707660 A

TITLE: Fast method and device for determining an NMR distribution in a region of a body

DATE-ISSUED: November 17, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cuppen; Johannes J. M.	Eindhoven			NL
Groen; Johannes P.	Eindhoven			NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Term	Documents
DETERMINATION	927091
DETERMN	44328
RATE	3095873
RATES	799442
TIME	8539637
TIMES	2892554
SLOPE	373728
SLOPES	115249
SLOPING	195208
SLOPINGS	30
SLOPED	101808
(L26 AND ((MEASUR\$3 OR DETERMIN\$3 OR DETERMINATION OR ASCERTAIN\$3 OR FIND\$3 OR CALCULAT\$3) SAME (RATE OR TIME OR SLOPE OR SLOPING OR SLOPED OR INTERVAL OR PERIOD OR DURATION OR WINDOW) SAME (MAGNETIC OR RESONAN\$3) SAME (SIGNAL OR FIELD) SAME (WATER OR "H2O" OR "H.SUB.2O"))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	17

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